

**Data sheet | Item number: 237-112**

PCB terminal block; 2.5 mm<sup>2</sup>; Pin spacing 10 mm; 1-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/237-112](http://www.wago.com/237-112)



**Data**

**Electrical data**

Subject to changes. Please also observe the further product documentation!

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## Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Rated voltage (III/2)	800 V
Rated impulse voltage (III/2)	6 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

## Connection data

Connection points	1
Total number of potentials	1
Number of connection types	1
Number of levels	1

## Connection 1

Connection technology	Screw connection
Actuation type	Operating tool
Solid conductor	0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 20 ... 14 AWG
Strip length	5 ... 7 mm / 0.2 ... 0.28 inches
Conductor connection direction to PCB	0°
Pole number	1

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	10 mm / 0.394 inches
Height from the surface	11 mm / 0.433 inches
Depth	9 mm / 0.354 inches
Solder pin length	4.5 mm
Solder pin diameter	1 mm

## Plug-in connection

Plugging without loss of pin spacing	Yes
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## PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip (in-line)

Subject to changes. Please also observe the further product documentation!



Number of solder pins per potential	1
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## Material Data

Note (material data)

Information on material specifications can be found here

Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	Tin
Weight	1.3 g

## Environmental requirements

Limit temperature range	-60 ... +105 °C
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## Commercial data

eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	600 (100) pcs
Packaging type	box
Country of origin	IN
GTIN	4044918683203
Customs tariff number	85369010000

## Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	8da8b673-17bf-4628-8316-c0c92ca5825f
SCIP notification number (Belgium)	09bba26c-f494-499a-8148-e2d6714ddcbc

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SCIP notification number (Bulgaria)	d3f47652-3283-47f4-ac72-452f5d67718d
SCIP notification number (Czech Republic)	e7bd45eb-ba9b-4999-b160-72caf4f2a2c7
SCIP notification number (Denmark)	359d9f18-5fe9-4790-aacc-e51043d37cfa
SCIP notification number (Finland)	3169b848-74c3-4d3c-9951-4146856cfa60
SCIP notification number (France)	5a7fb5f4-b7a4-4d59-b9c4-55aa8ac6b8ec
SCIP notification number (Germany)	127909ce-fe92-4bb1-917d-81a289c0654f
SCIP notification number (Hungary)	5884893b-482d-4ef1-a7b5-f622f7681d26
SCIP notification number (Italy)	e4edf51f-a818-4800-a5ea-7eb731e5f944
SCIP notification number (Netherlands)	39bb2117-9d58-48ad-a530-048196ab8c50
SCIP notification number (Poland)	53fa05a7-0a6f-401f-b3fc-2c3fda4c1c21
SCIP notification number (Romania)	32dfe6f6-6a30-4d80-8ec2-f2490c7597d4
SCIP notification number (Sweden)	5b0dfae8-25aa-4507-ae64-ba66acf874f8

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL-7137
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	2160584.33
	<b>CSA</b> DEKRA Certification B.V.	C22.2 No. 158	70048844
	<b>UL</b> UL International Germany GmbH	UL 1059	E45172

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

## Downloads

### Documentation

#### Additional Information

2019 年4月3日

pdf  
2.0 MB

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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 237-112	URL	Download
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### PCB Design

Symbol and Footprint 237-112	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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### CAD data

2D/3D Models 237-112

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 237-112

[URL](#)

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## Installation Notes

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